

### Listing of Claims:

1. (Currently amended) ~~A coated luminescent material comprising a luminescent material powder formed by grains, the luminescent grains being coated, The light-emitting device as claimed in claim 7,~~ wherein the coating layer has a thickness of the coating is at most 5 nm and, in particular, is less than or equal to 3 nm.

2. (Currently amended) ~~The coated luminescent material as claimed in claim 1~~ light-emitting device as claimed in claim 7, wherein the luminescent material is selected from the group: garnets, chlorosilicates, thiogallates and aluminates, nitridosilicates and vanadates.

3. (Currently amended) ~~The coated luminescent material~~ light-emitting device as claimed in claim 2, wherein the luminescent material contains rare earth metals as constituents.

4. (Currently amended) ~~The coated luminescent material~~ light-emitting device as claimed in claim ~~[[1]]~~ 7, wherein a material is selected from at least one of following groups for the coating layer:

- alkylsilyl halides, in particular of the type  $R_2SiX_2$  with  $R = \text{alkyl}$  and  $X = \text{Cl or Br}$ ;
- arylsilyl halides, in particular of the type  $Ar_3SiX$  or  $Ar_2SiX_2$ , where  $Ar = \text{phenyl}$  in particular;
- phenyl-substituted silicon alkoxides;
- alkyl halides of the type  $R-X$ ;
- acyl halides of the type  $R-C=O$   
 $\quad \quad \quad |$   
 $\quad \quad \quad X$

in each of which  $R = \text{aliphatic residue}$  and  $X = \text{halogen, preferably Cl or Br}$ .

5. (Currently amended) ~~The coated luminescent material~~ light-emitting device as claimed in claim 1, wherein the coating layer thickness is between 0.1 and 2 nm.

6. (Currently amended) ~~The coated luminescent material~~ light-emitting device as claimed in claim 1, wherein a second layer of flame-hydrolytically produced metal oxides is applied to the ~~first~~ coating layer.

7. (Currently amended) A light-emitting device, having at least one radiation source which emits essentially within the range of from 150 to 600 nm, and a luminescent ~~layer~~ material which converts the light from the light source at least partially into longer-wave radiation, the luminescent ~~layer~~ material being formed by particles which are coated, ~~as claimed in claim 1~~ by a coating layer.

Claim 8 (Canceled).

9. The light-emitting device as claimed in claim 7, wherein the radiation source is a UV-emitting LED, which emits with a peak wavelength in the range of from 300 to 420 nm.

10. The light-emitting device as claimed in claim 7, wherein the radiation source is a blue-emitting LED, which emits with a peak wavelength in the range of from 425 to 490 nm.

11. The light-emitting device as claimed in claim 7, wherein the radiation source is a high-pressure discharge lamp, which emits essentially in the range of from 200 to 490 nm.

12. The light-emitting device as claimed in claim 7, wherein the radiation source is an excimer discharge device, which emits essentially in the range of from 150 to 320 nm.

13. (New) The light-emitting device as claimed in claim 1, wherein the coating layer has a thickness of less than or equal to 3nm.